

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE  
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**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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7590 06/19/2003

Mattingly, Stanger & Malur, P.C.  
Suite 370  
1800 Diagonal Road  
Alexandria, VA 22314



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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Daniel J. Stanger	(Depositor's name)
<i>Daniel J. Stanger</i>	(Signature)
9/17/03	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFORMATION NO.
09/988,644	11/20/2001	Hajime Hasobe	H-1019	8907

TITLE OF INVENTION: SEMICONDUCTOR UTILIZING GROOVES IN LEAD AND TAB PORTIONS OF LEAD FRAME TO PREVENT PEEL OFF BETWEEN THE LEAD FRAME AND THE RESIN.

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1300	\$300	\$1600	09/19/2003
EXAMINER	ART UNIT	CLASS/SUBCLASS			
CHAMBLISS, ALONZO	2827	257-667000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  
 Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
 "Fee Address" indication (or "Fee Address" indication form PTO/SB/47; Rev. 03-02 or more recent) attached. Use of a Customer Number is required.
2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.
- MATTINGLY, STANGER & MALUR, P.C.
- 2 \_\_\_\_\_  
3 \_\_\_\_\_

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

## (A) NAME OF ASSIGNEE

HITACHI, LTD.

HITACHI HOKKAI SEMICONDUCTOR, LTD.

Tokyo, Japan

Hokkaido, Japan

Please check the appropriate assignee category or categories (will not be printed on the patent)  individual  corporation or other private group entity  government

## 4a. The following fee(s) are enclosed:

 Issue Fee Publication Fee Advance Order - # of Copies \_\_\_\_\_

## 4b. Payment of Fee(s):

 A check in the amount of the fee(s) is enclosed. Payment by credit card. Form PTO-2038 is attached. The Commissioner is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-1417 (enclose an extra copy of this form).

Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signer) <i>Daniel J. Stanger</i>	(Date) 9/17/03	RECEIVED CENTRAL FAX CENTER SEP 22 2003
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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.		DA
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01 FC:1501  
02 FC:1504